

TECHNICAL DATA SHEETS

PERMOGLAZE EPOXY ZINC PHOSPHATE PRIMER

DESCRIPTION	Permoglaze Epoxy Zinc Phosphate Primer is a two-component solvent- based polyamide-cured primer for ferrous and non-ferrous metals. For galvanised steel and aluminium, it can be applied on top of Permoglaze Two Pack Etch Primer to achieve maximum adhesion. Can be overcoated with Permoglaze Epoxy Undercoat , Permoglaze Epoxy Enamel , Permoglaze 2K Acrylic Enamel , Permoglaze Polyurethane HQ Enamel and Permoglaze Chlorinated Rubber .		
CHARACTERISTICS	<ul style="list-style-type: none"> • Cures to a resilient grey film with good adhesion and abrasion resistance • Good anti-corrosive properties with reduced toxicity (no lead or chrome pigments) • Good resistance to aliphatic and aromatic solvents, ethanol, gasoline and diesel oil • Good resistance to diluted acids and alkalis 		
COMPOSITION	Polyamide-cured epoxy		
SURFACE PREPARATION	<ul style="list-style-type: none"> • Surfaces must be dry and moisture content of surface should not be more than 10 % when measured with a moisture meter. • All areas must be free of dirt, dust, grease, oil and loose paint. • Steel surfaces must be mechanically abraded to bright steel or sand blasted. • Bare steel must be primed within ± 4 hours after cleaning. The steel must be free of condensed moisture and dew. In case of cool temperatures and high ambient humidity, the steel surface must be warmed with a hot air blower before painting to achieve maximum coating performance. • Aluminium and galvanised surfaces should be degreased and primed with Permoglaze Two Pack Etch Primer to achieve maximum adhesion. Subsequent application of Permoglaze Epoxy Zinc Phosphate Primer will increase film build and provide additional corrosion protection. 		
APPLICATION	Method	Brush, Short Pile Roller, Air Spray & Airless Spray	
	Thinning & Cleaning	Permoglaze Epoxy Thinner.	
		Brush	Ready for use after mixing.
		Short Pile Roller	Ready for use after mixing.
		Air Spray	10% by volume (sieve before spraying).
		Airless Spray	Thin to 10% by volume.
PRODUCT INFORMATION	Finish	Matt	
	Appearance	Grey viscous liquid product	
	Mixing Ratio (By Volume)	Base (3)	
	Pot Life	Hardener (1)	
	Solid Content of Mix by Volume (Undil.)	± 4 hours for 5 litres of mix at 25°C	
	Spreading Rate	52%	
		$\pm 8-9\text{m}^2/\text{Litre}$	

TECHNICAL DATA SHEETS

PERMOGLAZE EPOXY ZINC PHOSPHATE PRIMER

Drying Time	Touch Dry	± 1 hour at 25°C
	Hard Dry	± 4 hours at 25°C
	Recoating Time	4-12 hours (without sanding) >12 hours (with sanding)

PRECAUTIONS

- The air temperature must not be below 10°C and not higher than 35°C. Humidity must not be below 10% and not higher than 85%.
- Base must be fully stirred before adding the hardener.
- Thorough stirring is necessary after the components are mixed.
- Cure is slow at low temperatures.
- Heat increases reaction rate, shortens pot life and curing time.
- To avoid films defects, wet film thickness should not exceed 100µm.
- Dilution increases pot life.
- During application, mixing of the prepared and diluted paint will prevent separation of the pigments and fillers.

PACKAGING

Available in 1 & 5 litres

STORAGE

Keep away from direct sun, sources of heat, flames or sparks.

SAFETY, HEALTH & ENVIRONMENT INFORMATION

- Highly inflammable.
- Keep away from heat, sparks and open flames.
- Handle with care
- Ensure good ventilation during application.
- In case of insufficient ventilation during painting, wear suitable respiratory equipment.
- Avoid contact with skin and eyes.
- If contact with skin occurs, wash well with soap and water
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Keep out of reach of children.
- Do not use empty paint containers for storing foodstuffs.
- Do not throw paint containers or contents in the waterways or environment.
- Contains no added **Lead/Mercury/Nickel/Cadmium**.

For further information, kindly contact our Technical Information Service.

Note: This Technical Data Sheet is subject to change without prior notice.

DISCLAIMER

This data sheet is based on extensive lab tests and field use. However, if used under unspecified conditions, the performance of the product may differ. We can only guarantee the quality of the product as supplied in its original closed container.

TECHNICAL DATA SHEETS

PERMOGLAZE EPOXY ZINC PHOSPHATE PRIMER

PRECAUTIONS	<ul style="list-style-type: none">• The air temperature must not be below 10°C and not higher than 35°C. Humidity must not be below 10% and not higher than 85%.• Base must be fully stirred before adding the hardener.• Thorough stirring is necessary after the components are mixed.• Cure is fast.• Heat increases reaction rate, shortens pot life and curing time.• To avoid film defects (sagging on vertical surfaces), wet film thickness should not exceed 200µm
PACKAGING	Available in 1 & 5 litres
STORAGE	Keep away from direct sun, sources of heat, flames or sparks.
SAFETY, HEALTH & ENVIRONMENT INFORMATION	<ul style="list-style-type: none">• Highly inflammable.• Keep away from heat, sparks and open flames.• Handle with care• Ensure good ventilation during application.• In case of insufficient ventilation during painting, wear suitable respiratory equipment.• Avoid contact with skin and eyes.• If contact with skin occurs, wash well with soap and water• In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.• Keep out of reach of children.• Do not use empty paint containers for storing foodstuffs.• Do not throw paint containers or contents in the waterways or environment.• Contains no added Lead/Mercury/Nickel/Cadmium.

For further information, kindly contact our Technical Information Service.

Note: This Technical Data Sheet is subject to change without prior notice.

DISCLAIMER

This data sheet is based on extensive lab tests and field use. However, if used under unspecified conditions, the performance of the product may differ. We can only guarantee the quality of the product as supplied in its original closed container.